

*Sub A*

**What is claimed is:**

1. A formulation for the preservation of a film comprising:
  - (a) aliphatic petroleum naphtha;
  - (b) aliphatic petroleum distillates; and
  - (c) petroleum base oil.
2. The formulation of claim 1, wherein a mixture thereof is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, insolubility in water, and a liquid having a clear, light brown color.
3. The formulation of claim 1, characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.
4. The formulation of claim 3, further characterized by a vapor pressure of 100 torr at 73.5C, vapor density less than one, and an evaporation rate less than one.
5. The formulation of claim 1, wherein said formulation comprises greater than 9.5 percent aliphatic hydrocarbons, the aliphatic hydrocarbons comprising:
  - (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
  - (b) between 17 and 25 percent aliphatic petroleum distillates; and
  - (c) between 5 and 10 percent petroleum base oil.
6. The formulation of claim 5, wherein a mixture thereof is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, and water insolubility.
7. The formulation of claim 5, characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.

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al  
cont.*
8. The formulation of claim 7, further characterized by a vapor pressure of 100 torr at 73.5C, vapor density less than one, and an evaporation rate less than one.
9. A formulation for the preservation of a film, said formulation characterized by a film evaporation rate within a range of one day to one year.
10. The formulation of claim 9, wherein said formulation comprises a mixture of aliphatic petroleum naphtha, aliphatic petroleum distillates and petroleum base oil.
11. The formulation of claim 10, wherein said mixture is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, insolubility in water, and a liquid having a clear, light brown color.
12. The formulation of claim 10, wherein said mixture is characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.
13. The formulation of claim 12, further characterized by a vapor pressure of 100 torr at 73.5C, vapor density less than one, and an evaporation rate less than one.
14. A method for the preservation of a film print comprising:
- (a) providing a mixture of aliphatic petroleum naphtha, aliphatic petroleum distillates and petroleum base oil; and
  - (b) coating said film with said mixture.
15. The formulation of claim 14, wherein said mixture is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, insolubility in water, and a liquid having a clear, light brown color.
16. The formulation of claim 14, wherein said mixture is characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.

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**What is claimed is:**

- Sub A<sup>7</sup>
1. A formulation for the preservation of a film comprising:
    - (a) aliphatic petroleum naphtha;
    - (b) aliphatic petroleum distillates; and
    - (c) petroleum base oil.
  2. The formulation of claim 1, wherein a mixture thereof is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, insolubility in water, and a liquid having a clear, light brown color.
  3. The formulation of claim 1, characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.
  4. The formulation of claim 3, further characterized by a vapor pressure of 100 torr at 73.5C, vapor density less than one, and an evaporation rate less than one.
  5. The formulation of claim 1, wherein said formulation comprises greater than 9.5 percent aliphatic hydrocarbons, the aliphatic hydrocarbons comprising:
    - (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
    - (b) between 17 and 25 percent aliphatic petroleum distillates; and
    - (c) between 5 and 10 percent petroleum base oil.
  6. The formulation of claim 5, wherein a mixture thereof is characterized by a boiling point between 390 and 410F, a specific gravity between 0.7 and 0.75, and water insolubility.
  7. The formulation of claim 5, characterized by a boiling point of about 402F, specific gravity of about 0.735 ( $H_2O = 1$ ), and water insolubility.